

Claims

- [c1] 1. A measurement gage comprising a base having two scales at opposite ends of said base for different ranges of measurement;
a tapered feeler gage element projecting axially from each of said opposite ends; and
a slide bar movable along said base and having an indicator fixed thereto for each of said two different scales;
wherein movement of said slide bar in each of two opposite axial directions is calibrated to respective thicknesses of said tapered feeler gage elements.
- [c2] 2. The gage of claim 1 wherein said base is channel-shaped in cross section, and said slide bar is located within said base.
- [c3] 3. The gage of claim 3 and comprising retainer clips at opposite ends of said base for constraining said slide bar to axial movement within said base.
- [c4] 4. The gage of claim 1 wherein one of said two different scales is adapted to measure gaps between 5 and 25 thousandths.

- [c5] 5. The gage of claim 4 wherein the other of said two different scale is adapted to measure gaps between 25 and 50 thousandths.
- [c6] 6. The gage of claim 1 wherein said indicator includes an indicator point and a slot adapted to receive a screw fastener, said slot permitting calibration of said indicator relative to a respective scale.
- [c7] 7. The gage of claim 2 wherein said base includes a bottom wall and a pair of spaced side walls extending perpendicularly away from said bottom wall; at least one of said side walls having an elongated slot supporting an elongated leaf spring, and a set screw threaded into said one of side walls and engageable with said leaf spring.
- [c8] 8. The gage of claim 1 and further comprising a leaf spring located between said base and said slide bar for creating friction therebetween.
- [c9] 9. The gage of claim 7 and comprising retainer clips at opposite ends of said base for constraining said slide bar to axial movement within said base.
- [c10] 10. The gage of claim 6 wherein one of said two different scales is adapted to measure gaps between 5 and 25 microns.

- [c11] 11. The gage of claim 10 wherein the other of said two different scale is adapted to measure gaps between 25 and 50 microns.
- [c12] 12. A measurement gage comprising a base having two scales at opposite ends and on opposite sides of said base for different ranges of measurement; a tapered gage element projecting axially from each of said opposite ends; and a slide bar movable along said base and having an indicator fixed thereto for each of said two different scales; wherein movement of said slide bar in each of two opposite axial directions is calibrated to respective thicknesses of said tapered gage elements; wherein said base is channel-shaped in cross section, and said slide bar is located within said base; and further wherein one of said two different scales is adapted to measure gaps between 5 and 25 thousandths and the other of said two different scales is adapted to measure gaps between 25 and 50 thousandths.
- [c13] 13. The gage of claim 12 wherein said tapered gage element includes flexible feeler gage portions.
- [c14] 14. The gage of claim 13 wherein said indicator includes an indicator point and a slot adapted to receive a screw fastener, said slot permitting calibration of said indicator relative to a respective scale.

[c15] 15. The gage of claim 12 and including a pin projecting perpendicularly out of said slide bar to facilitate movement of said slide bar within said base.